

# A first encounter with Nucleonica

Zsolt SOTI

*European Commission, Joint Research Centre  
Institute for Transuranium Elements*



# Overview

Nucleonica is a Web Scientific Portal with several different functions

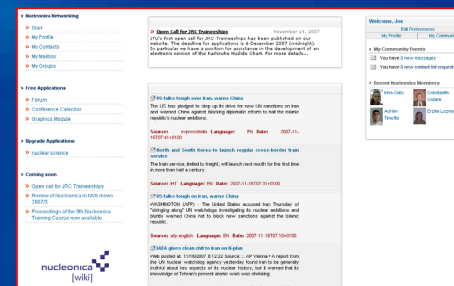
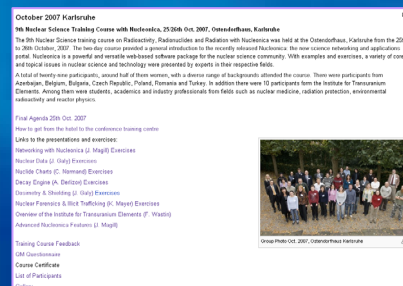
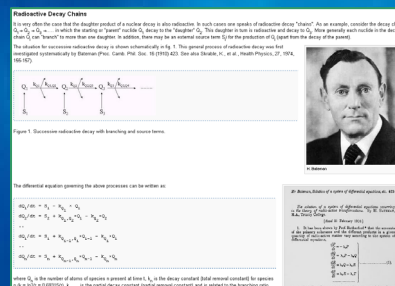
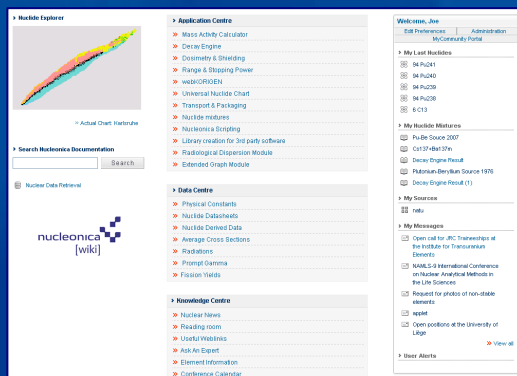
It is aimed at experts working with radionuclides

Nuclear Science  
Data and  
Applications

Knowledge  
Management

Education and  
Trainings

Social Networking  
Features



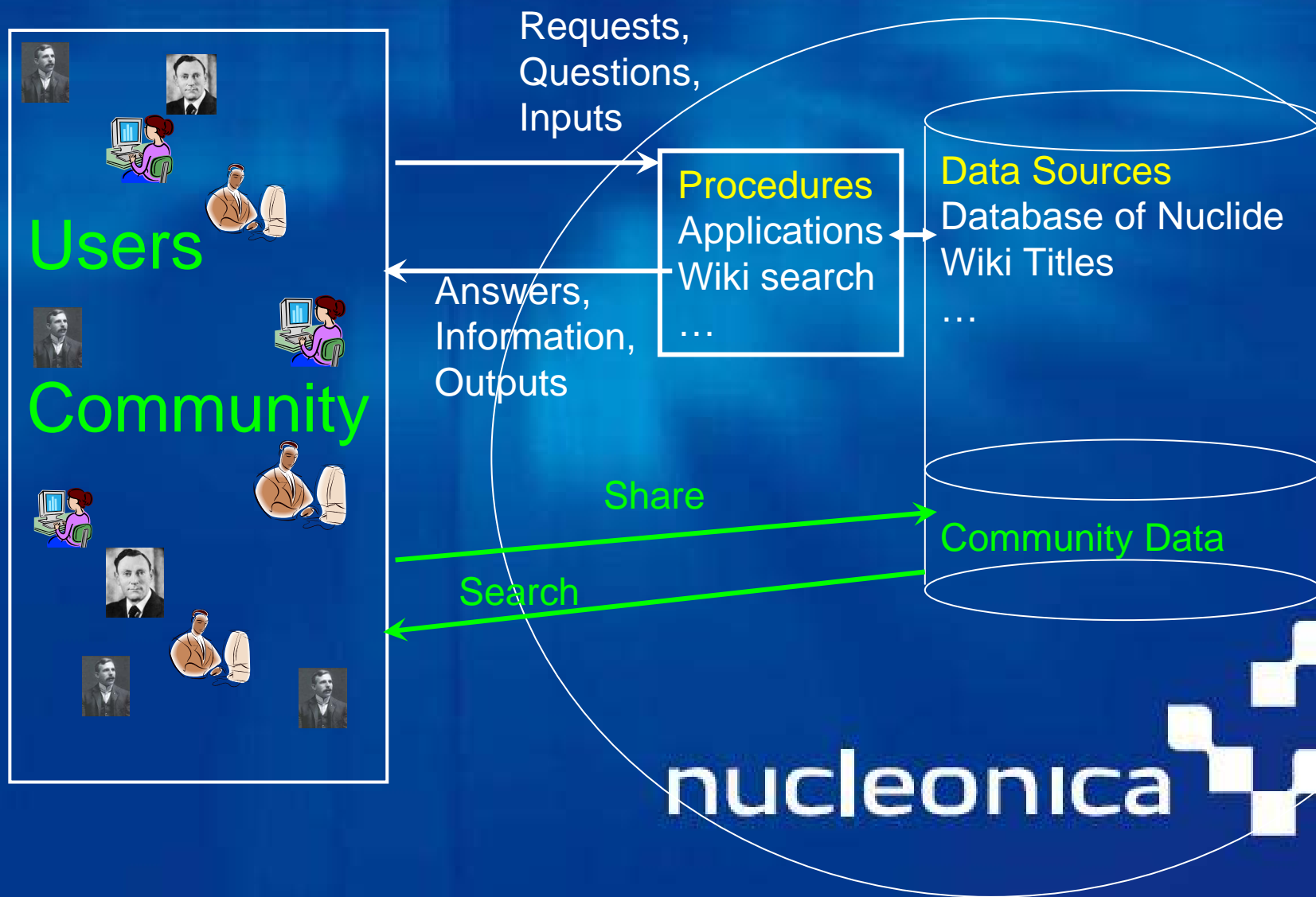
In its background is the Web 2.0 dynamic technology

Dynamic portal:

nucleonica



# Structure of Nucleonica



# First step - Registration

http://www.nucleonica.net/register.aspx

File Edit View Favorites Tools Help

☆ ☆

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Thursday, October 22, 2009

Home > Free Access

username \*\*\*\*\* Login

Welcome

**Free Access**

Register as Nucleonica user

Nucleonica [blog]

Nucleonica [wiki]

Karlsruhe Nuclide Chart

News Releases

Educational Resources

Training Courses

Ask an Expert

FAQ

About Us

Contact

## Register as NUCLEONICA user

Please read the [end user's license agreement](#).

☒ Yes, I have read and agree to the terms of the license agreement

Please fill out the following formular to get free access to Nucleonica.  
**Notice:** All underlined fields are required!

**First name:** Ernest

**Family name:** Rutherford

**Email:** erutherford@eumail.eu

**Organization:** Canterbury College

**Job Position:** Student

**Address:** Narrow Street 7b

**Postcode:** CBY557

**Country:** United Kingdom

**Phone:** +44 12 34 567

**Fax:**

Before finally submitting the registration form, please enter the code shown below.  
If you can't read the code please click on the image to generate a new access code.

595713

595713

## NUCLEAR NEWS

**Clinton Urges Stronger Commitment To 'Vision' Of Nuclear-Free World**

**OCT 22** In April, U.S. President Barack Obama said in a speech in Prague that his administration had begun work on an effort to eliminate nuclear weapons from the world's arsenals. In Washington on October 21 [...]

**Iran denies nuclear talks with Israel**

**OCT 22** Iranian Nuclear Energy Organization spokesman Ali Shirzadian denied Thursday reports suggesting Iran and Israel have launched negotiations. "This lie is an act of propaganda aimed at affecting the suc [...]"

**Nuclear talks in Vienna ends without final agreement**

**OCT 22** The nuclear talks held in Vienna among the United States, Russia, France and Iran ended without a final agreement but an uncompleted proposal on Wednesday. All participating countries would discuss th [...]

**EU to invest additional 50 bln euros in energy technology**

**OCT 22** The European Union will invest an additional 50 billion euros (about 75 billion U.S. dollars) in energy technology, according to information from the two-day EU Strategic Energy Technology Plan confer [...]

## NUCLEONICA HOT TOPICS

**>> New Nucleonica Training Course... ITRAC-2**

August 17, 2009

The 2nd Advanced Training Course on Illicit Trafficking and Radiological Consequences (ITRAC-2) with NUCLEONICA will take place at ITU, Karlsruhe from the 4-6th November 2009.

## KARLSRUHE NUCLIDE CHART

**>> Karlsruhe Nuclide C**

# The Profile

http://www.nucleonica.net/Application/MyProfile.aspx

File Edit View Favorites Tools Help

Logged in as: zsoti@web.de Networking Nuclear Science Search Forum Calculator Privacy Legal Logout

nucleonica ... web driven nuclear science

Applications My Preferences Print Help

► **Nucleonica Networking**

- » Networking
- » My Profile
- » My Community
- » My Mailbox
- » My Groups
- » My Settings

► **Tools**

- » Forum
- » Conference Calendar
- » Graphics Module

► **Applications Portal**

- » nuclear science

► **Coming soon**

- » Cambio File Converter

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Version 2.0.0018.0001

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**Nucleonica Community - My Profile**

Profile Edit My Contacts

**Ernest Rutherford** Canterbury College



**Name** Ernest Rutherford  
**Organization** Canterbury College

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# Changing the Profile

Internet Explorer window showing the Nucleonica Community - My Profile page.

URL: <http://www.nucleonica.net/Application/MyProfile.aspx>

Navigation menu:

- Nucleonica Networking
  - >> Networking
  - >> My Profile
  - >> My Community
  - >> My Mailbox
  - >> My Groups
  - >> My Settings
- Tools
  - >> Forum
  - >> Conference Calendar
  - >> Graphics Module
- Applications Portal
  - >> nuclear science
- Coming soon
  - >> Cambio File Converter

Profile Information:

Tick the check box for the adjacent field to be visible to all users.  
If you activate the "Name" field, for example, your name will be visible for other users!

Profile Edit My Contacts

☒ Name: Ernest Rutherford

☐ Location: Canterbury

☐ Nationality:

☐ Address: Narrow Street 7b

☒ Organization: Canterbury College

☐ Job Title: Student

☒ Areas of Interest: Radio-activity

☒ Latest Publications: Radioactive Transformations (1906)

☐ E-Mail: erutherford@eumail.eu

☐ Phone: +44 12 34 567

☐ Fax:

☐ Additional Field 1: Field Title

☐ Additional Field 2: Field Title

☐ Additional Field 3: Field Title

Upload Foto (GIF or JPG format, maximum 2 MB)

Browse...

☒ I am allowed to upload this picture

Upload

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http://www.nucleonica.net/wiki/nucleonica:direct.php?l=Free&s=Help:Contents

# Community feature – My Community

http://www.nucleonica.net/Application/MyCommunity.aspx

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► **Applications Portal**

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














- » Cambio File Converter

**nucleonica**  
[wiki]

 **My Community**

Community Members My Contacts Pending Contacts

Keyword(s):

Image	Name	Organization	
	Claudiu Pavel	Institute for Transuranium Elements, JRC	 
	Tinkara Bučar	Institute Jozef Stefan	 
	Piotr Szajerski	Institute of Applied Radiation Chemistry	 
	Sandor Nagy	Institute of Chemistry, Eotvos Lorand University (ELTE)	 
	Egyed Serf	Institute of Isotope Research	 
	Geza Belhazi	Institute of Isotopes	 
	Amra Skopljak-Beganovic	Institute of Nuclear Medicine, Clinical Centre of the Sarajevo University	 
	Alicja Strzala	Institute of Nuclear Physics	 
	Barbara Petelenz	Institute of Nuclear Physics	 

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# Community feature – Groups

http://www.nucleonica.net/Application/MyGroups.aspx

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 My Groups

All Groups My Groups Add / Edit Group

Keyword(s):  search

Name	Members	Category	Registration Date
Gamma Spectrum Generator	6	Projects	03.10.2009
JRC-ITU Research Fellows 2009	15	Nuclear Science	21.09.2009
ITRAC-2	23	Events	19.06.2009
ITRAC-1	24	Events	14.01.2009
Hacettepe University Department of Nuclear Engineering	1	Nuclear Science	23.10.2008
10th Nucleonica Training Course	39	Events	11.07.2008
ENS YGN	2	Nuclear Science	08.05.2008
National Centre of Radiobiology and Radiation Protection	4	Nuclear Science	06.11.2007
Rauf Ilhami Quliyev	1	Nuclear Science	26.10.2007
Nazim Azer Huseynov	2	Nuclear Science	26.10.2007
Al. I. Cuza University	30	Nuclear Science	25.10.2007
CNE Cernavoda - Romania	1	Other	25.10.2007
SCK-CEN	1	Nuclear Science	25.10.2007
MSD IFJ PAN	6	Nuclear Science	25.10.2007
Nuclear Research Institute Rez plc	2	Nuclear Science	25.10.2007
National Commission for Nuclear Activities Control	1	Nuclear Science	25.10.2007
Ege University Institute of Nuclear Sciences	20	Nuclear Science	25.10.2007

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# My Groups

http://www.nucleonica.net/Application/MyGroups3.aspx?UID=35

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 **My Groups**
















**JRC-ITU Research Fellows 2009**

Join Group E-Mail Group All Groups

**Founder:** Michael Welland  
**Category:** Nuclear Science  
**Description:** This group is for the Research Fellows who have worked at the ITU during the calendar year.  
**Infos:**  
[Group forum](#)  
[Wiki page](#)  
**Number of Users:** 15

**User List:**

Keyword(s):

Image	Name	Organization	
	Carmen Cecilia Garcia	JRC - Institute for Transuranium Elements (ITU)	 
	Ilaria Marchetti	JRC - ITU	 
	Manuela Meppen	University of Hamburg	 
	Markus Beilmann	European Commission, JRC, ITU	 
	Michael Welland	Institute for Transuranium Elements	 

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## The Group's shared area for file exchange

Convert Files






Manage Files

Using 39 MB of 5.0 GB (1 %)

Showing 1-10 of 10 files

Refresh

Search

Filename	Date ▼	From	To	Size	Actions
<input type="checkbox"/> <a href="#">2_over.pdf</a>	29-07-2009	ppt	pdf	24.3 MB	<a href="#">Rename</a> <a href="#">Share +</a>  
<input type="checkbox"/> <a href="#">Riesen-Rollkarte_2009.png.zip</a>	29-04-2009	pdf	png	7.1 MB	<a href="#">Rename</a> <a href="#">Share +</a>  
<input type="checkbox"/> <a href="#">Riesen-Rollkarte_2009.png.zip</a>	29-04-2009	pdf	png	8.2 MB	<a href="#">Rename</a> <a href="#">Share +</a>  

# Community feature – The Forum

http://www.nucleonica.net/Application/Forum.aspx

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**Nucleonica Forum**

Forums	Posts	Last Post	Moderator
<b>Nucleonica Portal</b>			
General General comments	4	is URL 141.52.159.201 still available? Posted 21.04.2008 20:06:59 by Sandor Szakacs	Jean Galy
Nucleonica Hot Topics Latest news on Nucleonica	10	ENS News on Nucleonica Posted 22.07.2007 18:03:33 by Joe Magill	Raymond Dreher
Gamma Spectrum Generator User forum for the Gamma Spectrum Generator module	8	problem with filters Posted 24.09.2009 12:01:36 by Mikhail MOREV	Andrey Berizov
Dosimetry & Shielding User forum for the Dosimetry and Shielding application	0		Joe Magill
<b>Nucleonica Support</b>			
Frequently Asked Questions F.A.Q. - Frequently asked Questions concerning the Nucleonica portal	5	Lectures download Posted 11.05.2009 12:01:00 by Goran Bogojevski	Raymond Dreher
Questions, Suggestions and Forum hosting Please post suggestions or questions concerning Nucleonica here. You can also have your own forum hosted by Nucleonica which can be requested here.	4	shielding application is not stable Posted 08.02.2009 14:42:09 by Pierre BACH	Niels Magill
<b>Karlsruhe Nuclide Chart, 7th Edition, 2006</b>			
Karlsruhe Nuclide Chart General Comments on the Karlsruhe Nuclide Chart, 7th Edition, 2006	1	7th edition of the "Karlsruher Nuklidkarte" Posted 22.07.2007 18:42:42 by Joe Magill	Christophe Normand

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# Community feature – The Market Place

http://www.nucleonica.net/Application/MarketPlace/MarketPlace.aspx

File Edit View Favorites Tools Help

Info

The 1st pan-European recruitment event, named "AtomiCareers" is to be held in Brussels, 4-5 December 2009. This event will be organised by the Careers in Europe Group (CIE), in close cooperation with our European Nuclear Education Network (ENEN) Association. This event is free of charge, and free accommodation and travel support will be also granted for 200 participants. This is an excellent opportunity for students/young professionals to talk directly with the industry and look for future opportunities, as well as for universities to promote it among the major industries. Applications are encouraged to apply (by 31 October 2009) at the CIE website: <http://www.careersineurope.com/>. If you are interested in receiving the posters or leaflets, please contact Mr. Robin Verschuren (+32 2 40 14 838)

careers in europe group CIE

Belgium Joe Magill 06.10.2009

Buy Equipment 1.00

Endika Moralejo 05.10.2009

Buy Books 40.00

Verena Kleinrath 02.10.2009

Offer Jobs 0.0

Zsolt Soti 02.10.2009

Offer Jobs 0.00

Joe Magill 02.10.2009

Sell Books 68.15

Joe Magill 17.09.2009

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# Knowledge Management

KM is set of practices used to identify, represent, distribute and enable adoption of Know-How-s, experiences, insights...

In the most cases the focus has been put to the technical part (IT – Intranet, Internet, Data Mining...),

BUT

IT makes only the frame to combine the knowledge and ideas

AND

the COMMUNITY is that who should fill it with content

The KM should bring on the light the implicit (tacit) knowledge and should make it exploitable

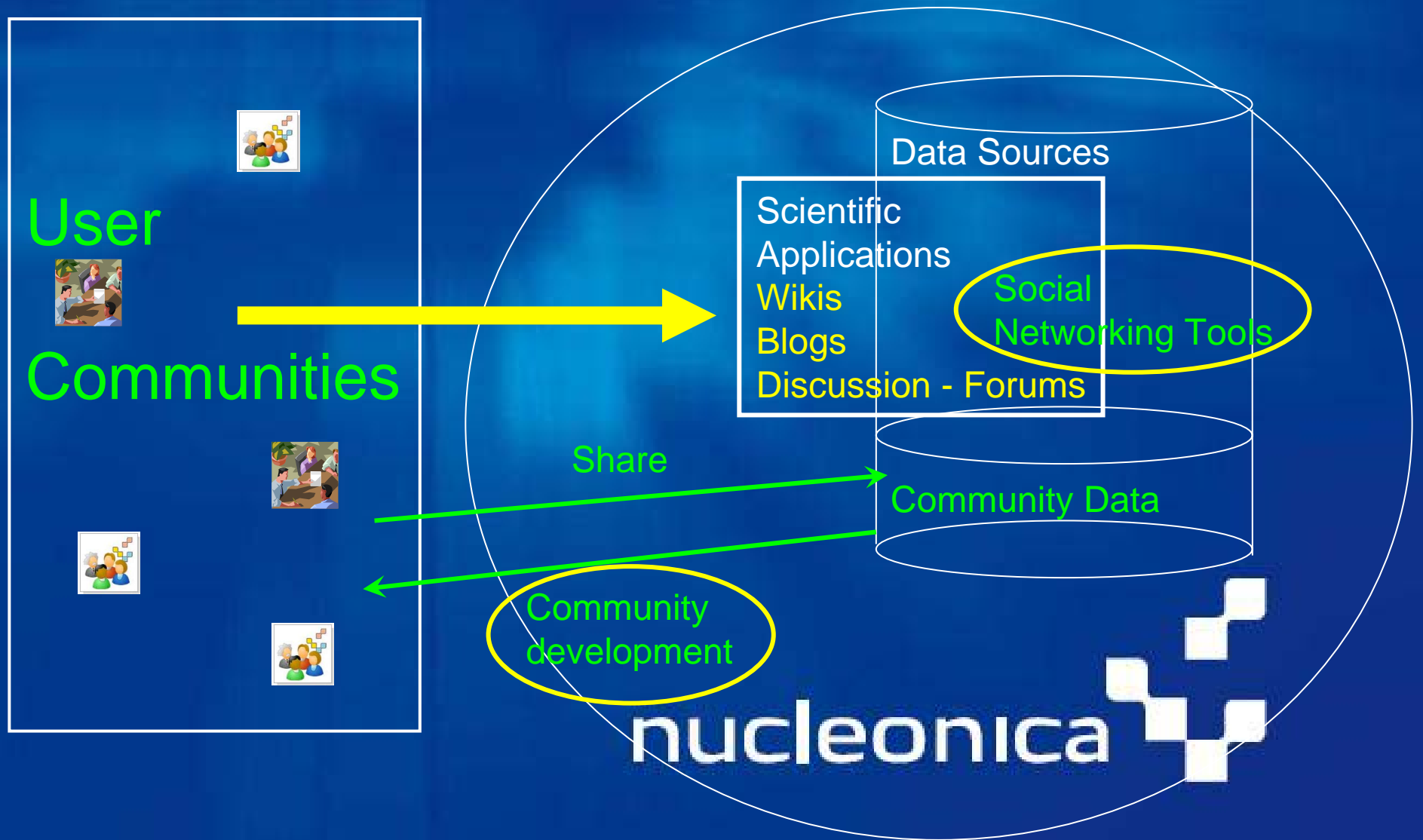
Knowledge Sharing is necessary

TOOL:

nucleonica



# Knowledge management with Nucleonica



**Thank You!**

